

PATENT ABSTRACTS OF JAPAN

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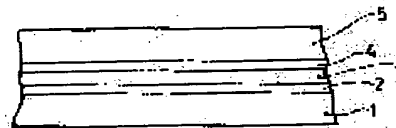
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(54) INFORMATION RECORDING MEDIUM

(57)Abstract:

PURPOSE: To obtain an information recording medium which is stable for a long period of time and has high reliability by using a thin amorphous film having a specific compsn. consisting of a mixture composed of tellurium, tin, and zinc sulfide as a recording layer on a substrate.

CONSTITUTION: A UV curing resin layer 2 is formed on the substrate 1. The thin amorphous film $\text{TeaSn}\beta(\text{ZnS})\gamma$ having the compsn. which consists of the mixture composed of the tellurium Te, tin Sn and zinc sulfide ZnS and is expressed as follows is formed on the resin layer 2: The recording layer 3 consists of $30\text{atom}\% \leq a \leq 80\text{atomic}\%$, $5\text{atomic}\% \leq \beta \leq 40\text{atomic}\%$, $1\text{atomic}\% \leq \gamma \leq 50\text{atomic}\%$. The information recording medium which is stable for a long period for time and has high reliability is obtd. by forming the medium in the above- mentioned manner.



LEGAL STATUS

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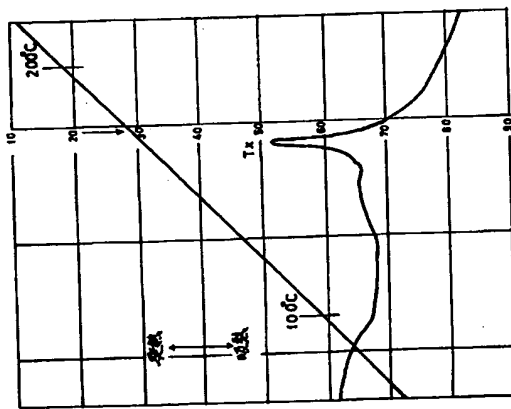
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第 1 図



第 2 図